

**DECLARATION  
AND POWER OF ATTORNEY  
Utility Application**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **SIGNAL DETECTOR EMPLOYING CORRELATION ANALYSIS OF NON-UNIFORM AND DISJOINT SAMPLE SEGMENTS** the specification of which

(Check One) ☒ is attached hereto OR  
☐ was filed on \_\_\_\_\_ as United States Application Serial No. \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment(s) referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Date of Filing	Priority Claimed	
			Yes	No

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application Number	PCT Parent Number	Parent Filing Date	Status-Patented, Pending or Abandoned

POWER OF ATTORNEY: As a named inventor, I hereby appoint as my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr., Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,395; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Lois M. Kwasigroch, Reg. No. 35,579; Lawrence R. LaPorte, Reg. No. 38,948; Robert C. Laurenson, Reg. No. 34,206; Carol A. Schneider, Reg. No. 34,923; Hope E. Melville, Reg. No. 34,874; Michael J. Wise, Reg. No. 34,047; Richard J. Warburg, Reg. No. 32,327; Kurt T. Mulville, Reg. No. 37,194; Theodore S. Maceiko, Reg. No. 35,593; Bruce G. Chapman, Reg. No. 33,846; and F. T. Alexandra Mahaney, Reg. No. 37,668; Philip K. Yu, Reg. No. 35,742; Joseph W. King, Jr., Reg. No. 35,768; Troy M. Schmelzer, Reg. No. 36,667; and Daniel N. Yannuzzi, Reg. No. 36,727.

Send Correspondence to: Robert C. Laurenson	LYON & LYON LLP 633 W Fifth St., Suite 4700 Los Angeles, CA 90071	Direct Telephone calls to: Robert C. Laurenson Telephone No.: (619) 552-8400, x 5545
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Residence, post office address, citizenship and signature of inventor(s) set forth beginning on next page.

	FULL NAME OF INVENTOR	FIRST Name Steven	MIDDLE Initial A.	LAST Name Gronemeyer	
201	RESIDENCE & CITIZENSHIP	City Cedar Rapids	State or Foreign Country IA	Country of Citizenship United States	
	POST OFFICE ADDRESS	6908 Wilton Drive N.E.	City Cedar Rapids	State or Country IA	Zip Code 52402
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
202	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
203	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
204	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
205	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code
	FULL NAME OF INVENTOR	FIRST Name	MIDDLE Initial	LAST Name	
206	RESIDENCE & CITIZENSHIP	City	State or Foreign Country	Country of Citizenship	
	POST OFFICE ADDRESS		City	State or Country	Zip Code

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor	201
<i>Steven A. Gronemeyer</i>	
Date	March 25, 1999
Signature of Inventor	202
Date	
Signature of Inventor	203
Date	

Signature of Inventor	204
Date	
Signature of Inventor	205
Date	
Signature of Inventor	206
Date	

(Signatures should conform to names as presented at 201 et seq. above.)

## ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS

WHEREAS, **SIRF TECHNOLOGY HOLDINGS, INC.**, having a place of business at 148 East Brokaw Road, San Jose, CA 95112, hereinafter referred to as ASSIGNOR, owns all right, title, and interest in the following US Patent Application:

Filing Date:	October 4, 2001
Filing Serial #:	09/971,293
Title:	Signal Detector Employing Correlation analysis of Non-Uniform and Disjoint Sample Segments
Inventor:	Steve Gronemeyer

(hereinafter referred to as the "Intellectual Property").

WHEREAS, **SIRF TECHNOLOGY, INC.**, having a place of business at 148 East Brokaw Road, San Jose, CA 95112, hereinafter referred to as ASSIGNEE, is desirous of acquiring ASSIGNOR'S interest in and to said Intellectual Property, and any provisional, continuation, continuation-in-part, divisional, reissued, re-examined, and foreign applications and patents relating to said Intellectual Property.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR has sold, assigned and transferred and does hereby sell, assign and transfer unto ASSIGNEE, and ASSIGNEE'S successors and assigns, (a) the entire right, title and interest, for the United States of America, in and to said U.S. patent and all the rights and privileges in any application and under any and all patents that may be granted in the U.S. for any invention(s) described in said Intellectual Property, including but not limited to, all corresponding provisional, continuation, continuation-in-part, divisional, reissue, and reexamination applications; and (b) the entire right, title and interest in and to any and all foreign patents and applications for any invention described in said Intellectual Property, in any and all countries foreign to the U.S., including all rights of priority arising from them, and all the rights and privileges under any and all forms of protection, including patents, that may be granted in said countries foreign to the U.S. for them; and (c) the right to seek remedies for any and all infringements of any of the foregoing patents and to collect and retain all damages and profits and enjoy any and all remedies granted for infringements.

ASSIGNOR authorizes ASSIGNEE to make any and all application for such protection in its own name and maintain such protection in any and all countries foreign to the U.S., and to invoke and claim for any application for patent or other form of protection for any said invention, without further authorization from ASSIGNOR, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.


ASSIGNOR hereby consents that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of ASSIGNEE to apply for protection for any invention described in said U.S. patent or other form of protection for any said invention and to claim the aforesaid benefit of the right of priority.

ASSIGNOR requests that any and all patents for any said invention be issued to ASSIGNEE in all countries foreign to the U.S., or to such nominee as ASSIGNEE may designate.

ASSIGNOR covenants and agrees that, when requested, ASSIGNOR shall, without charge to ASSIGNEE but at ASSIGNEE'S expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient in connection with patent applications, patents, or other forms of protection of any said invention, and for the defense and protection thereof if challenged in the court of law.

It is hereby acknowledged and agreed

**SiRF TECHNOLOGY HOLDINGS, INC.**

By:   
**Walt Amaral**  
**CEO & Chief Financial Officer**  
**SiRF Technology Holdings, Inc.**

Date: June 20, 2002

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

Serial No.	Filed	Assignment Recorded at Reel/Frame	Docket No.
10/309,647	12/4/2002	010469/0541	P052-US-C1
09/575,492	5/18/2000	011130/0100	P054-US-01
10/263,333	10/2/2002		P150-US-U1
09/281,741	3/30/1999	013417/0931	P214-US-U1
09/971,293	10/4/2001	013409/0043	P214-US-C1
09/281,566	3/30/1999	013409/0046	P215-US-U1
10/021,119	10/30/2001	012389/0263	P216-US-U1
09/551,802	4/18/2000	013428/0345	P219-US-U1
09/551,276	4/18/2000	013428/0261	P220-US-U1
09/552,759	4/18/2000	013434/0740	P226-US-U1
09/551,047	4/18/2000	013014/0400	P227-US-U1
09/552,469	4/18/2000	013014/0450	P229-US-U1
09/551,060	4/18/2000	013014/0383	P230-US-U1

**Power of Attorney by Assignee and Certification**  
**Under 37 CFR §3.73(b)**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, the undersigned, acting on behalf of the Assignee of the entire right, title and interest in the above-referenced patent applications, hereby revoke all prior powers of attorney for said applications and appoint the practitioners at Customer Number 30554, the Customer Number of Shemwell Gregory & Courtney LLP, as my/our attorney(s) or agent(s)

to prosecute said applications, and to transact all business in the United States Patent and Trademark Office connected therewith. This appointment is to the exclusion of the inventor(s) and their attorney(s) and agent(s) in accordance with the provisions of 37 CFR §3.71.

Effective immediately, please direct all further communications in the above-identified patent application to the following address:

**Shemwell Gregory & Courtney LLP**  
**4880 Stevens Creek Blvd., Ste. 201**  
**San Jose, CA 95129**

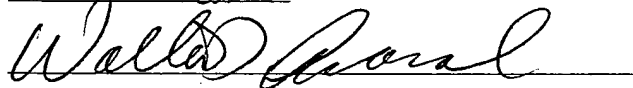
**Telephone: (408) 236-6646**  
**Facsimile: (408) 236-6641**  
**Customer No. 30554**

In accordance with 37 CFR 3.73(b), I hereby certify that I am empowered to act on behalf of the Assignee. To the best of my knowledge and belief, title is in the Assignee, as evidenced by the assignments recorded in the Patent and Trademark Office at the above-indicated reel/frame locations or, if not indicated above, by the assignment documents attached hereto.

I further declare that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, USC §1001 and that such willful false statements may jeopardize the validity of the this application or any patent resulting therefrom.

**ASSIGNEE:** SiRF Technology, Inc.

**Signature:**



**Typed Name:** Walter Amaral

**Title:** CFO and Sr. Vice President

**Date:** March 18 2003

**Address:** 148 Brokaw Road  
San Jose, California 95112

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF:

Serial No.	Filed	Assignment Recorded at Reel/Frame	Docket No.
10/309,647	12/4/2002	010469/0541	P052-US-C1
09/575,492	5/18/2000	011130/0100	P054-US-01
10/263,333	10/2/2002		P150-US-U1
09/281,741	3/30/1999	013417/0931	P214-US-U1
09/971,293	10/4/2001	013409/0043	P214-US-C1
09/281,566	3/30/1999	013409/0046	P215-US-U1
10/021,119	10/30/2001	012389/0263	P216-US-U1
09/551,802	4/18/2000	013428/0345	P219-US-U1
09/551,276	4/18/2000	013428/0261	P220-US-U1
09/552,759	4/18/2000	013434/0740	P226-US-U1
09/551,047	4/18/2000	013014/0400	P227-US-U1
09/552,469	4/18/2000	013014/0450	P229-US-U1
09/551,060	4/18/2000	013014/0383	P230-US-U1

**Associate Power of Attorney**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, the undersigned, am a principal attorney of record for the patent applications identified above by virtue of a duly executed power of attorney **filed herewith** and, as such, hereby appoint Nicolas S. Gikkas, Reg. No. 46,245, Chief IP Counsel for SiRF Technology, Inc. located at 148 E. Brokaw Road, San Jose, CA 95112, telephone (408) 392-8347, as an



associate attorney with full authority to prosecute said patent applications and to transact all business in the Patent and Trademark Office connected therewith.

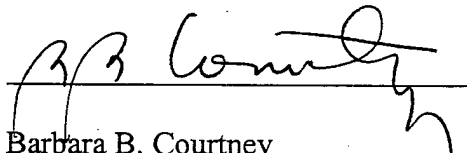
Please continue to direct all communications regarding the above-identified patent applications to the following address:

**Shemwell Gregory & Courtney LLP**  
4880 Stevens Creek Blvd., Ste. 201  
San Jose, CA 95129

**Telephone: (408) 236-6646**  
**Facsimile: (408) 236-6641**  
**Customer No. 30554**

Respectfully Submitted,

Date May 12, 2003

  
Barbara B. Courtney  
Reg. No. 42,442